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CENTRAL INTELLIGENCE AGENCY

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The contents of this report do not necessarily reflect the views of the National Photographic Interpretation Center, since the photographic interpretation included represents only a small portion of the total informational input; however, the National Photographic Interpretation Center provided photographic interpretation, publication, reproduction, and dissemination support.

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FOREWORD

541 This memorandum, prepared by the ORR Task Force on Long Range Ballistic Missiles, summarizes the evidence and presents conclusions relating to eight possible missile storage/support installations in the western and central USSR and is based upon preliminary research on these areas utilizing [ ] and collateral information. The conclusions of this memorandum are necessarily preliminary in nature because of the limited data available. It is being published at this time because of the significance of timely identification and location of facilities providing logistic support for operational Soviet missile sites.

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AN ASSESSMENT OF EIGHT STORAGE INSTALLATIONS

IN THE USSR AS REGIONAL GUIDED MISSILE STORAGE/SUPPORT FACILITIES

CONCLUSIONS

Recent [REDACTED] information strongly indicates that eight large storage installations in the USSR observed in [REDACTED] photography are associated with the Soviet guided missile effort. Although these installations have been suspect for some time, direct evidence of missile activity is now available for the first time on two of these installations, located in the western USSR near Mikhaylenki and Zherebkovo. Because of the similarity of the facilities at each of these eight locations, it is believed that all of them probably have the same basic function. The association with known missile installations, the size and location of these storage installations, and the number and size of the buildings within the installations, strongly suggest that these installations are regional missile storage/support facilities.

Four of the installations located near the western USSR border are probably related to the MRBM and perhaps shorter range ballistic missile deployment. Three installations in the interior of the USSR, situated in regions with known ICBM sites, are probably related to the ICBM program. Similar facilities in support of the ICBM program may exist in other areas of known ICBM deployment, such as the Tomsk-Novosibirsk area.

LOCATION AND DESCRIPTION OF INSTALLATIONS

[REDACTED] photography has located or confirmed the presence of large unidentified storage/support facilities at eight widely separated locations in the western and central USSR. (See Figure 1.) These facilities are at the following locations:

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<u>NAME</u>	<u>COORDINATES</u>	<u>LOCATION</u>
Novaya Mezinovka	53°31'N-26°55'E	33NM southwest of Minsk
Mikhaylenki	49°56'N-28°15'E	30NM southwest of Zhitomir
Zherebkhovo	47°51'N-29°55'E	60NM northeast of Kishinev
Toropets	56°22'N-31°39'E	36NM east of Velikiye Luki
Tambov	52°22'N-41°27'E	19NM south of Tambov
Surovatikha	55°43'N-43°54'E	40NM south of Gor'kiy
Glazov	57°51'N-53°17'E	25NM southeast of Glazov
Donok	56°41'N-61°45'E	15NM southeast of Sverdlovsk

Most of these facilities appear to be divided into three distinct areas, designated on the basis of their apparent functions as "operations" area, "support" area, and "possible special weapons storage" area. In general, the operations and support areas of these installations are similar in number and arrangement of buildings. (See Figure 2.) Shapes of the operations area vary, probably due to terrain, but each of these areas is approximately 450 acres in size and is secured by a double-fence. These operations areas contain a group of large, unrevetted storage buildings served by an unusual rail-trench transloading system, and also are probably connected by a road system. In addition, there is a separate area containing several revetted storage buildings. The grouping of the storage buildings along the central trench is basically similar, but at four of the installations the buildings are "in-line" (see Figures 3 and 6), while at the other four they are "off-set" (see Figures 4 and 6).

Five of the facilities appear to have "special" storage facilities located 1.5 miles away from the main area, while a sixth has the same type of special area located 8 miles away. These special areas are isolated, but their layout is marked by two large and unusual cruciform

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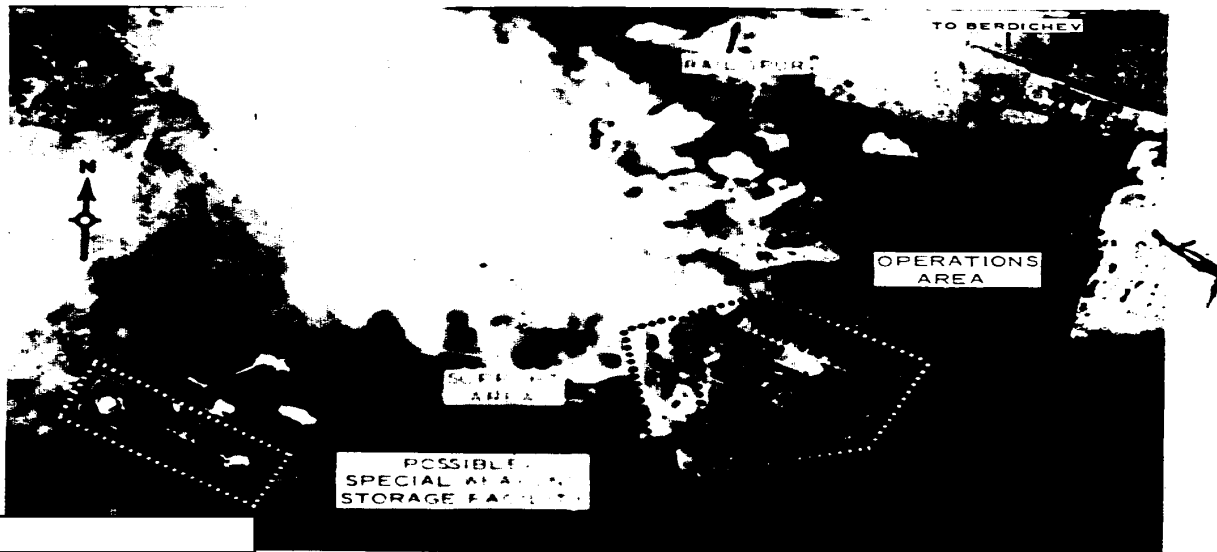


FIGURE 2. TYPICAL INSTALLATION LOCATED AT MIKHAYLENKI (BERDICHEV)

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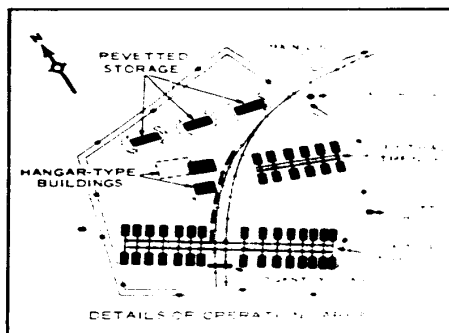


FIGURE 3. STORAGE INSTALLATION WITH "IN-LINE" BUILDING ARRANGEMENT.  
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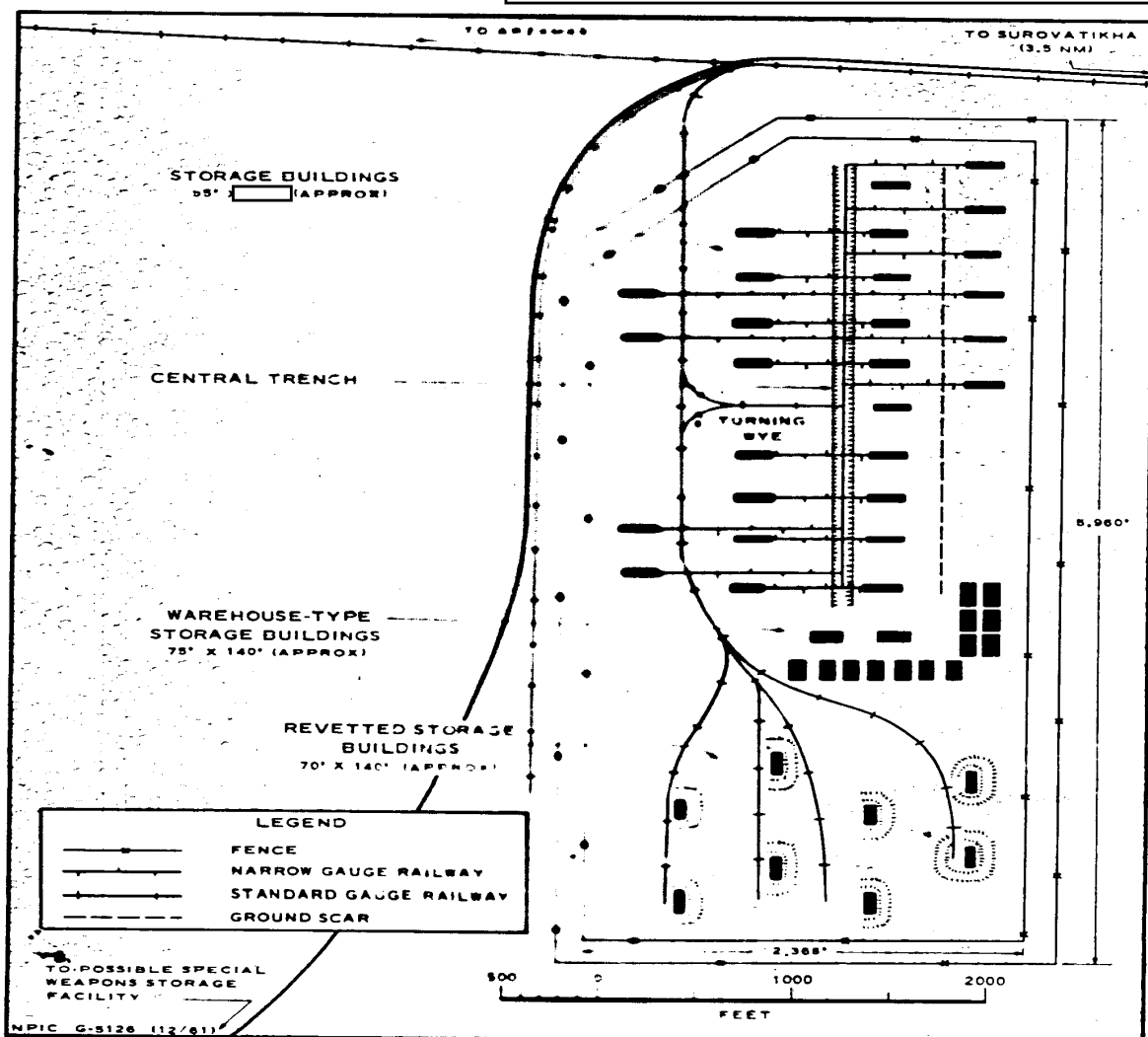


FIGURE 4. STORAGE INSTALLATION WITH "OFF-SET" BUILDING ARRANGEMENT. Sketch of the Surovatikha Operations Area.

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buildings located at opposite ends of each area. These buildings are approximately 3,500 feet apart. The entrance to these areas is generally located mid-way along a road connecting the two cruciform buildings. A smaller, rectangular drive-thru building, served by a loop road, is located just off the main transverse road -- near the midpoint and the entrance to the area. (See Figure 5.) Although these may be used for special weapons storage, it has not been possible to ascertain their precise function.

25X1D Novaya Mezinovka and Toropets, the two facilities that are not known to have these special storage areas, have not been observed in [redacted] photography since [redacted] respectively, and therefore may have these special areas at the present time. It should be noted that a cruciform building was observed under construction in [redacted] near Dolon Airfield (50°34'N-79°18'E), and that unidentified sites at Ussuriysk/Vozdvizhenka Airfield (43°18'N-131°55'E) and Obozerskiy SE Airfield (63°24'N-40°22'E) also bear some resemblance to these special areas. However, these installations apparently do not include the extensive storage/support facilities observed at the eight locations discussed above. As these installations are associated with airfields, rather than MRBM or ICBM storage facilities, they may store special weapons for air-to-surface missiles or conventional bomber delivery systems.

All eight of the installations are rail-served, but the special storage areas located nearby have only road service.

Five of the installations have SAM sites located sufficiently close to afford protection for these facilities. (See Figure 6.) In some instances, it appears that the SAM sites were constructed especially for the storage installations, while in some other cases important targets in the immediate area of the support facility appear to share the protection provided by the local SAM defense.

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PROBABLE ROLE AND FUNCTION OF INSTALLATIONS

Although it is impossible to determine the exact role of these installations in the Soviet missile program, the evidence strongly indicates they perform a missile function and may be regional missile support/storage facilities. The actual functions performed at these installations may consist of one or more of the following activities:

1. Receipt, processing and checkout of operational missiles in transit from production plants to launch sites.
2. Periodic maintenance and recycling of missiles returned from launch sites.
3. Reserve missile storage.
4. Warhead processing and storage.

The Novaya Mezinovka installation, which was the first one of these types to be observed by [ ] photography, probably is the regional center for MRBM sites in Belorussia and Lithuania. The Toropets installation probably serves the MRBM sites located in eastern Estonia and Latvia. The Mikhaylenki and Zherebkovo installations probably serve as regional support facilities for the MRBM sites in the western Ukraine.

Of the four storage installations located in the interior of the USSR, three may be related to known ICBM sites. The proximity of the Donok installation to the Verkhnyaya Salda ICBM site, the Glazov installation to the Yur'ya ICBM site, and the Surovatikha installation to both the Yoshkar-Ola and the Kostroma ICBM sites, suggests a regional ICBM support role for these facilities. Although the Tambov storage installation is not in the vicinity of any presently identified missile facilities, it is possible that a similar relationship between Tambov and other missile installations may become apparent as our knowledge of the Soviet missile program increases. The recent identification of an ICBM site at Itatka suggests the possibility of a support facility in the Tomsk-Novosibirsk area.

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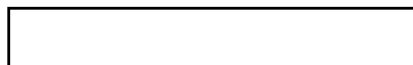


**FIGURE 6**  
**FACILITY CHARACTERISTICS**

Facility	Probable Association		Building Arrangement		Special Storage	SAM Sites
	ICBM	MRBM	OFF-SET	IN-LINE		
1. Novaya Mezinovka		X	X			
2. Mikhaylenki		X		X	X	X
3. Zherebkovo		X	X		X	X
4. Toropets		X	X			X
5. Tambov	X			X	X	
6. Surovatikha	X		X		X	X
7. Glazov	X			X	X	
8. Donok	X			X	X	X

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SELECTED SOURCE REFERENCES

DOCUMENTS

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1	[REDACTED]
2	
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4	
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- 25X1 6. CIA PIC/JM-9/58, Toropets Storage Installation,  
T/S [REDACTED]
- 25X1 7. CIA/ETA ETA/JM-9/58, Novaya Mezinevka Storage Installation,  
T/S [REDACTED]
- 25X1 8. CIA PIC/JB-21/58, Toropets Storage Installation,  
T/S [REDACTED]
- 25X1 9. ARMY PIB-189/60, Storage Area, Surovatikha, USSR,  
T/S [REDACTED]

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- 25X1 11. GMAIC SS 102026, 1 Sep. 60, Soviet Surface to Surface  
Missile Deployment, T/S [REDACTED]

25X1 12. NSA [REDACTED]

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